

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450



## NEW APPLICATION TRANSMITTAL

Transmitted herewith for filing is the patent application of

Inventor(s): Dong Kwan MA and Gi Jong KIM

For (title): COLUMN UNIT

## 1. Type of Application

This new application is for a(n):

☒ Original

☐ Design

☐ Plant

## 2. Papers Enclosed

A. Required for filing date under 37 C.F.R. § 1.53(b) (Regular) or 37 C.F.R. § 1.153 (Design) Application

10 Pages of specification

6 Sheets of drawing

4 Pages of claims

☐ formal

1 Pages of abstract

☐ informal

15 TOTAL PAGES

B. Oath or Declaration

Newly executed (original or copy)

2 TOTAL PAGES

## 3. Additional papers enclosed

Assignment Papers (cover sheet and document(s))

Power of Attorney

Certified Copy of Priority Document(s) (if foreign priority is claimed) Korean Application

No. 63081/2002 filed October 16, 2002

Other

## CERTIFICATION UNDER 37 C.F.R. §§ 1.8(a) and 1.10

I hereby certify that, on the date shown below, this paper (along with any referred to as being attached or enclosed) is being:

## MAILING

X deposited with the United States Postal Service in an envelope addressed to the Commissioner of Patents,  
P.O. Box 1450, Alexandria, Virginia 22313-1450  
37 C.F.R. § 1.8(a)

       with sufficient postage as first class mail.

37 C.F.R. § 1.10

X as "Express Mail Post Office to Addressee" Mailing  
Label No. EU500561786US (mandatory)

Signature

Catherine R. Viquelia

(type or print name of person certifying)

Date: October 15, 2003

**4. Fee Calculation (37 C.F.R. § 1.16)**A. ☒ Regular application

| CLAIMS AS FILED  |                 |        |                 |             |   |
|--|-----------------|--------|-----------------|-------------|---|
|  | Number<br>Filed |        | Number<br>Extra | Rate        | Basic Fee<br>37 C.F.R. § 1.16(a)<br>\$ 770.00 |
| Total Claims<br>(37 C.F.R. § 1.16(c))                        | 16              | - 20 = | 0               | x \$ 18.00  | \$0.00  |
| Independent Claims<br>(37 C.F.R. § 1.16(b))                  | 3               | - 3 =  | 0               | x \$ 86.00  | \$0.00  |
| Multiple dependent claim(s), if any<br>(37 C.F.R. § 1.16(d)) |                 |        |                 | + \$ 290.00 | 0   |
| FILING FEE CALCULATION                                       |                 |        |                 |             | <b>\$770.00</b>                               |

**5. Fee Payment Being Made at This Time**

Enclosed

|   |                         |
|---|-------------------------|
| Filing fee  | \$ <u>770.00</u>        |
| Recording assignment (\$40.00; 37 C.F.R. § 1.21(h)) | \$ <u>40.00</u>         |
| <b>TOTAL FEES ENCLOSED</b>                          | <b>\$ <u>810.00</u></b> |

**6. Method of Payment of Fees**Attached is a ☒ check ☐ money order in the amount of \$ 810.00.Charge any additional fees required by this paper or credit any overpayment to Deposit Account No. 502481. A duplicate of this paper is attached.

Reg. No. 24,171


Telephone No. (213) 896-2545

Facsimile No. (213) 896-2450

Customer No. 34261

OCT2003

# 1266459\_v1

  
**SIGNATURE OF PRACTITIONER**  
**ROBERT E. LYON**  
 (type or print name of practitioner)

**HOLLAND & KNIGHT LLP**  
**633 West Fifth Street, 21<sup>st</sup> Floor**  
**Los Angeles, California 90071-2040**